

Anti-FANCL antibody



Description	Unconjugated Rabbit polyclonal to FANCL
Model	STJ190780
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Gene ID	55120
Gene Symbol	FANCL
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	FANCL Polyclonal Antibody detects endogenous levels of protein.
Purification	FANCL antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	E3 ubiquitin-protein ligase FANCL Fanconi anemia group L protein Fanconi anemia-associated polypeptide of 43 kDa FAAP43 RING-type E3 ubiquitin transferase FANCL
Molecular Weight	41 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.

Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:20748OMIM:608111
Alternative Names	E3 ubiquitin-protein ligase FANCL Fanconi anemia group L protein Fanconi anemia-associated polypeptide of 43 kDa FAAP43 RING-type E3 ubiquitin transferase FANCL
Function	Ubiquitin ligase protein that mediates monoubiquitination of FANCD2, a key step in the DNA damage pathway. Also mediates monoubiquitination of FANCI. May stimulate the ubiquitin release from UBE2W. May be required for proper primordial germ cell proliferation in the embryonic stage, whereas it is probably not needed for spermatogonial proliferation after birth.
Sequence and Domain Family	The UBC-RWD region (URD) region mediates interaction with FANCI and FANCD2.
Cellular Localization	Cytoplasm. Nucleus.
Post-translational Modifications	The RING-type zinc finger domain is monoubiquitinated in the presence of UBE2T and UBE2W.

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